

BB

XP-002241029

AN - 1990-160767 [21]

- A - [001] 014 028 034 036 04- 041 046 050 147 198 27& 305 336 364 365 52& 53& 532 533 535 656 659 720
- [002] 014 028 034 036 04- 041 046 047 147 198 27& 305 336 364 365 52& 53& 532 533 535 656 659 720
- [003] 014 028 034 036 04- 066 067 147 198 27& 305 336 364 365 52& 53& 532 533 535 656 659 720
- [004] 014 028 034 036 04- 055 056 147 198 27& 305 336 364 365 52& 53& 532 533 535 656 659 720
- [005] 014 028 034 036 04- 074 081 147 198 27& 305 336 364 365 52& 53& 532 533 535 656 659 720
- [006] 014 034 036 04- 041 046 047 075 104 105 155 157 27& 305 364 365 52& 53& 532 533 535 656 659
- [007] 014 034 036 04- 041 046 050 075 104 105 155 157 27& 305 364 365 52& 53& 532 533 535 656 659
- [008] 014 034 036 04- 066 067 075 104 105 155 157 27& 305 364 365 52& 53& 532 533 535 656 659
- [009] 014 034 036 04- 055 056 075 104 105 155 157 27& 305 364 365 52& 53& 532 533 535 656 659
- [010] 014 034 036 04- 074 075 081 104 105 155 157 27& 305 364 365 52& 53& 532 533 535 656 659
- [011] 014 034 036 04- 041 046 050 074 075 077 27& 305 364 365 52& 53& 532 533 535 656 659
- [012] 014 034 036 04- 041 046 047 074 075 076 27& 305 364 365 52& 53& 532 533 535 656 659
- [013] 014 034 036 04- 066 067 074 075 077 27& 305 364 365 52& 53& 532 533 535 656 659
- [014] 014 034 036 04- 066 067 074 075 076 27& 305 364 365 52& 53& 532 533 535 656 659
- [015] 014 034 036 04- 055 056 074 075 077 27& 305 364 365 52& 53& 532 533 535 656 659
- [016] 014 034 036 04- 055 056 074 075 076 27& 305 364 365 52& 53& 532 533 535 656 659
- [017] 014 034 036 04- 074 075 077 081 27& 305 364 365 52& 53& 532 533 535 59& 656 659
- [018] 014 034 036 04- 074 075 076 081 27& 305 364 365 52& 53& 532 533 535 59& 656 659

AP - JP19880255928 19881013

CPY - DAIC

DC - A18 A25 A97 G02

FS - CPI

IC - C09D11/00

KS - 0002 0013 0037 0231 0241 0250 0306 0411 0418 0488 0789 1279 1417 1590 2208 2321 2812 3152 3250 3251

MC - A12-D05B A12-W07D G02-A04A

PA - (DAIC) DAINICHISEIKA COLOR & CHEM MFG

PN - JP2103274 A 19900416 DW199021 000pp

PR - JP19880255928 19881013

XA - C1990-070307

XIC - C09D-011/00

AB - J02103274 An aq. ink compsn. comprising a colourant and an aq. medium

is mixed with a block copolymer of A-B type where A is a hydrophilic polymer segment and B is a hydrophobic polymer segment.

- The block copolymer comprises a hydrophobic polymer segment derived from hydrophobic monomer (e.g., acrylate ester, styrene, vinyl acetate, ethylene, propylene, etc.) and a hydrophilic polymer segment derived from a hydrophilic monomer (e.g., ethylene oxide, (meth)acrylic acid, maleic acid, etc.). It is blended into the ink compsn. in an amt. of 0.05-3 pts. wt. per 100 pts. wt. ink compsn. The ink compsn. comprises an aq. medium comprising 100 pts. wt. water and 70-120 pts. wt. high boiling organic solvent (e.g., ethylene glycol, diethylene glycol, glycerine, N-methylpyrrolidone, formamide, ethyl cellosolve, etc.), a dye in a concn. of 0.3-3wt.% or a pigment in a concn. of 3-10wt.% opt. together with a dispersing agent or a surfactant.
- USE/ADVANTAGE - The addn. of the polymer improves the drying of the ink compsn. without affect on the viscosity and surface tension of the compsn. The compsn. is used as writing ink or ink jet recording ink. (4pp Dwg.No.0/0)

IW - AQUEOUS INK COMPOSITION INK JET RECORD OBTAIN MIX AQUEOUS INK  
COMPOSITION BLOCK COPOLYMER HYDROPHILIC HYDROPHOBIC POLYMER SEGMENT

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NC - 001

OPD - 1988-10-13

ORD - 1990-04-16

PAW - (DAIC ) DAINICHISEIKA COLOR & CHEM MFG

TI - Aq. ink compsn. for e.g. ink jet recording - obtd. by mixing aq. ink compsn. with block copolymer having hydrophilic and hydrophobic polymer segments